

ABSTRACT OF THE DISCLOSURE

A vehicle air-suspension system, especially an air-suspension system designed as a partly closed system, and a method for operating the system are provided. The air-suspension system includes at least one compressed-air delivery device, a plurality of air-suspension bellows and valves constructed and arranged for control of the filling of one, several or all air-suspension bellows with compressed air discharged by the compressed-air delivery device. The method avoids an undesirably large pressure rise on the pressure-outlet side of the compressed-air delivery device as the effective delivery capacity of the compressed-air delivery device is automatically controlled as a function of the state defined by the arrangement of the valves.